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					Examiner Name:	Steven H. D. Nguyen
	Sheet	1	of	2	Attorney Docket No.:	Flarion-F1 (29)

			U.S. P.	ATENT DOCUMENTS	
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant Passages or Figures appear
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Examiner Initials*	Cite No.	Foreign Patent Document Office ³ Number ⁴	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e
81/	AE	EP 0 981 222 A2	February 23, 2000	International Business Machines Corp.		
W	AF	EP 0 786 889 A1	July 30, 1997	Deutsche Thomson-Brandt GMBH		
V						

Examiner	(A)	Date	217/5
Signature	\& \	Considered	71 5/01

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.

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	Sheet		2	of	2	Attorney Docket No.:	Flarion-F1 (29)

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	L,
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W/		Comsat Laboratories, pages 230-234.	
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U.S. Department of Commerce Patent and Trademark Office	183	Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Apply dimber: Filing Date: First Named Inventor: Group Art Unit: Examiner Name:	09/805,887 March 15, 2001 Rajiv LAROIA Not yet assigned Not yet assigned

Flarion-F1 (29)

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			U.S. PA	ATENT DOCUMENTS	
Examiner Initials*	Cite No.1	U.S. Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant Passages or Figures appear
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Examiner Initials*	Cite No.1	Foreign Patent Document Office ³ Number ⁴	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
X/_ _	AA	EP 1 091 516 A1	April 11, 2001	Matsushita Electric Industrial Co., Ltd.	- gares repres	
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(modified PTO/SB/08A) U.S. Department of Comme	/ ce ^{067 0} 1 2002	Complete if Known	
Patent and Trademark Offi INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	09/805,887 March 15, 2001	
Sheet 2 of 2	Attorney Docket No.:	Flarion-F1 (29)	

Examiner	Cite	OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Initials*	No.1	serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published.	T ²
8	AB	Tellado, "Multicarrier Modulation with Low Par", Kluwer Academic, Dordrecht, NL XP-002199500, (2000), pgs. 6-11 and 55-60.	
16	AC	Bahai, Saltzberg, "System Architecture", Multi-Carrier Digital Communications, Kluwer Academic, New York, XP-002199501, (1999), pgs. 17-21.	
0	AD	Bingham, "Other Types of MCM", ADSL, VDSL, and Multicarrier Modulation, John Wiley & Sons, New York, XP-002199502, (2000), pgs. 111-113.	
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Substitute Form PTO 449 JUN 1 4 5. Expartment of Commerce (Modified) Patent and Trademark Office	Attorney's Docket No. 11585-008001	Application No. 09/805,887
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			U.S. Pate	ent Documents		wordgy	Center 2000
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Center 260 Filing Date
	AA	5,548,582	08/20/1996	Brajal et al.			
W/	AB	5,410,538	04/25/1995	Roche et al.	·		
Ŋ	AC	5,282,222	01/25/1994	Fattouche et al.			
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	Substitute Disclosure Form (PTO-1449)